

DUTY STATEMENT

Class Title: Research Scientist II (Epi/Bio)	Position Number: 580-404-5582-001
Unit:	
Section: Epidemiologic Studies Section	
Branch: HIV/AIDS Epidemiology Branch	
Division: Office of AIDS	

This position requires the incumbent maintain consistent and regular attendance; communicate effectively (orally and in writing if both appropriate) in dealing with the public and/or other employees; develop and maintain knowledge and skill related to specific tasks, methodologies, materials, tools and equipment; complete assignments in a timely and efficient manner; and, adhere to departmental policies and procedures regarding attendance, leave, and conduct.

Job Summary: The Research Scientist II (RS II) is responsible for conducting HIV-related epidemiological research, which includes analyzing both HIV and AIDS case data, developing and implementing research studies, analyzing study results, and documenting research findings.

Supervision Received: General supervision from the Research Scientist Supervisor II, Chief of the Epidemiologic Studies Section.

Supervision Exercised: Occasional supervision of graduate student assistants - project dependent.

Description of Duties: The RS II performs the more advanced and specialized technical, scientific research work related to the reporting of HIV cases and the documentation and analysis of HIV and AIDS case data in California and develops and conducts studies that identify behaviors and trends that impact the progression of HIV disease. The RS II also works in conjunction with other health professionals and researchers to plan, develop, and implement epidemiological studies to better understand the extent, distribution, social/behavioral factors, and impact of the HIV epidemic throughout California.

Percent of Time

Essential Functions

35%	Analyze HIV case data reported to the HIV/AIDS Case Registry and other HIV-related data to assess the current and future extent, distribution, and impact of HIV infection within various communities in California. Implement multivariate statistical techniques, such as linear or logistic regression, to identify populations in California at heightened risk of HIV infection. Work with both HIV and AIDS case data to assess factors associated with the progression from HIV infection to an AIDS diagnosis, which requires the knowledge and proficient use of software such as SAS, SPSS, Excel, Access, and Prodas.
20%	Act both independently and as part of multidisciplinary teams to apply epidemiological and social/behavioral scientific models in the collection and analysis of factors and quantitative risks for HIV infection. These models include sampling and experimental design, survey design, analysis of variance, multivariate and logistic regression and correlation, factor analysis, and survival analysis. Review and summarize existing data on HIV/AIDS risk factors, as well as methodologies used for collecting such information, that might be relevant for the study of the HIV epidemic.
10%	Provide technical and non-technical consultation on HIV and AIDS surveillance procedures to Office of AIDS (OA) staff as needed for the completion of tasks such as, but not limited to: implementing a names-based HIV reporting system; evaluating the performance of any

surveillance system within OA; matching cases recorded in the HIV/AIDS reporting system to cases in other databases; and developing a statewide HIV epidemiological profile.

- 10% Review and respond to controlled correspondence and requests for HIV/AIDS-related research, legislation, and policy analysis.
- 10% Consult with other state agencies, local health departments, and communities statewide to obtain cooperation and logistical support necessary for the studies of HIV infection. Provide on-site epidemiological and statistical consultation to state and local health departments for the collection, analysis, interpretation, presentation, and utilization of local and regional HIV/AIDS-related data.
- 10% Represent OA in various public, scientific, and educational settings. Present findings of epidemiological and/or behavioral research to other researchers and public health professionals. Submit articles for publication in peer-reviewed scientific journals.

Percent of Time Marginal Functions

5% Other duties as required.

Approximately 5% travel required.

Employee's signature	Date	Supervisor's signature	Date